

2012 Goals

Climate

GOAL: Avoid catastrophic consequences of climate change by reducing greenhouse gas pollution

U.S.: Win permanent cuts in global warming pollution

- Defend the Environmental Protection Agency's (EPA) authority to regulate global warming pollution under the Clean Air Act
- Spur full implementation of California's landmark global warming law, and spread the environmental and economic lessons learned there to other states
- Depolarize the political conversation about global warming, and open the door to bipartisan action



Blogger and activist Roxana Soto is part of the Moms Clean Air Force that EDF helped mobilize to demand clean air as a children's health issue.

International: Help develop national programs to limit carbon pollution and link them into a global system

- European Union: Strengthen and extend the existing emissions trading system
- China: Help introduce a voluntary emissions reduction program and complementary regulations to stimulate demand
- China: Link credits from lowcarbon farming to the emerging carbon market by initiating at least one carbon trading pilot project



EDF enrolled 160,000 rural Indian families in low-carbon farming projects in 2011, and we plan to involve 100,000 more in 2012.

- **Brazil:** Assist in designing a cap-and-trade program to implement the nation's 2010 climate law
- India and Vietnam: Scale up low-carbon farming and cleanenergy programs, and link them to the global carbon market
- "First mover" nations: Help implement market-based climate laws in nations including Australia, New Zealand and South Korea
- REDD: Build the capacity of tropical forest nations and indigenous peoples to implement REDD—Reducing Emissions from Deforestation and Forest Degradation which compensates countries for reducing deforestation, the source of 15% of the world's greenhouse gas pollution
- REDD: Develop private-sector demand and public finance for REDD credits produced in Brazil, Mexico and elsewhere
- **United Nations:** Participate in UN negotiations to lay groundwork for an eventual international treaty

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Corporate Partnerships

GOAL: Help businesses hasten innovations that reduce global warming pollution, waste and toxic chemicals, and protect natural landscapes

- Expand the EDF Climate Corps program to 125 top graduate students working to uncover energy efficiencies at businesses, universities and city agencies nationwide
- Reduce energy use by 25% at targeted factories in China that supply global retailers such as Levi's and Ikea; catalyze \$50 million worth of private investment in factory upgrades
- Spur three to four service providers such as major accounting firms to develop "Green Returns" services that help private equity firms improve the environmental performance of companies in their portfolios
- Finalize our framework with Massachusetts Institute of Technology for reducing pollution from the freight sector big rigs, trucks and ships — which is responsible for 8% of global warming emissions

Energy

GOAL: Scale up energy efficiency and new energy resources and minimize the environmental impact of energy generation

- Help ensure implementation of the U.S. Department of Energy panel's new recommendations on shale gas production using hydraulic fracturing (fracking)
- Ensure five more states adopt fracking fluid disclosure legislation based on our models
- Make our model code for well construction and operation the standard for state regulations
- Improve data on methane venting and leakage from natural gas drilling through joint research with leading U.S. natural gas producers
- Implement our new clean energy infrastructure Pecan Street Project in Austin, Texas, which will reduce carbon emissions by 64% compared to an average Austin neighborhood
- Take our success in shaping utility smart grid plans in California to seven more key states that together account for 50% of U.S. electricity consumption
- Open up the grid and markets to innovation, to achieve a 30% reduction in electric sector emissions by 2030



EDF Climate Corps fellows including Olivia Moreno, above, have identified ways to avoid more than 1 million metric tons of global warming pollution annually, equivalent to the annual emissions of 200,000 cars.



Two trillion dollars will be invested in U.S. electricity infrastructure over the next two decades. EDF wants to make sure the money goes to clean energy solutions.

Oceans

GOAL: Protect ocean ecosystems by creating sustainable and healthy fisheries through catch shares and protected areas

- Drive innovation by advancing catch share management of a dozen fisheries in the continental U.S.
- Stop attempts by the U.S. Congress to ban new catch share programs, and lay the foundation for long-term Congressional support
- Partner with governments, fishermen, and NGOs in Mexico, Cuba, and Belize to solve systematic problems in fisheries through catch shares and protected areas
- Consult with governments to ensure that the European Union's fisheries law creates the management framework necessary for demonstrable fisheries recovery
- Transform the international trade in coral reef wildlife through U.S. standards ensuring that animals are collected and transported in sustainable and humane ways

Land, Water, and Wildlife

GOAL: Preserve critical land and freshwater ecosystems for the benefit of people and wildlife

- Reduce nitrogen pollution from fertilizer use for corn production in the Midwest to protect water quality and wildlife habitat
- Develop incentives for landowners in California and the West to use water more efficiently and protect water quality
- Secure passage of legislation to dedicate BP oil disaster penalty money (up to \$21 billion) to restoring the environment and economy of the Gulf of Mexico coast
- Launch an international design competition for large scale restoration of the Gulf of Mexico coast
- Ensure that energy development in the West protects wildlife by expanding a system we helped develop in Texas that pays landowners for restoring habitat
- Establish markets and permitting systems to ensure that shale gas development in the East does not harm water quality and wildlife habitat
- Work to make farming and forestry practices more efficient in the Southeast in order to meet growing needs for biofuel and food production without causing declines in species and essential habitat



Overfishing has decimated Gulf of Mexico sharks, which swim between Cuba, Mexico and the U.S. EDF is leading a three-nation effort to rebuild plummeting populations.



EDF's Ashley Rood speaks with rancher Ned Coe about restoring Sierra Nevada mountain meadows, which help store and filter water for California cities and farms.

Health

GOAL: Reduce human exposure to toxic chemicals, spur production of safer products, and cut health-harming pollution

- Press EPA to use its existing authority to increase information on chemicals and better regulate toxic chemicals
- Work to pass legislation reforming the 35-year-old Toxic Substances Control Act to ensure that only fully tested and safe chemicals are allowed on the market
- Spur Walmart to cut chemicals of concern in products by 50% by 2015 and engage leaders of other industry sectors to make similar comitments
- Advance scientific understanding of the link between chemical exposure and chronic diseases such as asthma, obesity, diabetes, learning disabilities, neurological diseases such as Parkinson's, and certain cancers
- Promote early adoption of cleaner heating fuels by more than 300 New York City buildings in advance of deadlines for phasing out use of the dirtiest oils (#6 and #4)



New research is linking exposure to certain chemicals to common disorders such as learning disabilities and autism. Children are especially vulnerable.

Our campaign to reform toxic chemical policy

The products people use every day contain tens of thousands of synthetic chemicals. Almost none have been assessed for health and safety, making us all guinea pigs in a massive chemical experiment. EDF helped found a coalition of 200 health and environmental groups representing 11 million Americans, and we launched a campaign called "I Am Not a Guinea Pig" to press for sweeping reforms to the nation's outdated chemical safety law.